



H28

RECEIVED

APR 26 2004

OFFICE OF PETITIONS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
In re application of:
van Hook *et al.*
Appl. No.: 09/662,832
Filed: September 15, 2000
For: **Alignment and Ordering of Vector
Elements for Single Instruction
Multiple Data Processing**

Confirmation No.: 2552
Art Unit: 2183
Examiner: Pan, Daniel H.
Atty. Docket: 1778.0100002

**Request for Grant of Status Under 37 C.F.R. § 1.47(a) from Parent
Application in accordance with MPEP § 602.05(a)**

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Mail Stop Petition
Attn: Ms. Marianne Morgan

Sir:

It is respectfully requested that the present allowed application be accorded status under 37 C.F.R. § 1.47(a).

The present application is a continuation of U.S. Patent Application No. 09/263,798 (now U.S. Pat. No. 6,266,758), which is a continuation of U.S. Patent Application No. 08/947,649 (now U.S. Patent No. 5,933,650).

During prosecution of the '649 application, in response to a Notice to File Missing Parts of Application, Applicants submitted a Declaration wherein the signature block for Mr. Timothy van Hook was signed on July 16, 1998, by James P. Hao, Esq., with the notation "James P. Hao signing for Timothy J. van Hook under 37 C.F.R. § 1.47(b)," along with a Petition Form for Signature by Person with Sufficient Proprietary Interest on Behalf of Omitted Inventor(s) Who Refuse(s) to Sign or Cannot Be Reached (37 C.F.R. § 1.47(b)), a Statement of Facts in Support of Filing on Behalf of Nonsigning Inventor Under 37 C.F.R. § 1.47(b), and a check to cover the related fees under 37 C.F.R. §§ 1.47, 1.16(e), and 1.17(h).

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Appl. No. 09/662,832

The fact that U.S. Patent No. 5,933,650 issued on August 3, 1999, indicates that the Declaration was accepted by the U.S. Patent and Trademark Office during prosecution of the '649 application. However, the decision according status under 37 C.F.R. § 1.47 was never received from the Office. Therefore, a copy of the decision was not filed by the Applicants during prosecution of the '798 or the present applications in accordance with MPEP § 602.05(a), which provides that:

a continuation or divisional application of a prior application accorded status under 37 CFR 1.47 will be accorded status under 37 CFR 1.47 if a copy of the decision according 37 CFR 1.47 status in the prior application is filed in the continuation or divisional application...

Request for Rule 1.47 Status

Applicants respectfully request that the Office consider the following documents originally submitted in parent application no. 08/947,649 on July 16, 1998, copies of which are submitted herewith:

1. Response to Notice to File Missing Parts of Application;
2. Petition Form for Signature by Person with Sufficient Proprietary Interest on Behalf of Omitted Inventor(s) Who Refuse(s) to Sign or Cannot Be Reached (37 C.F.R. § 1.47(b));
3. Statement of Facts in Support of Filing on Behalf of Nonsigning Inventor Under 37 C.F.R. § 1.47(b);
4. Declaration and Power of Attorney for a Patent Application (*in five parts*);
5. Check No. 1427 for \$1770.00 to cover the fee for a four-month extension of time, the surcharge for late submission of the Declaration under 37 C.F.R. § 1.16(e), and the fee for filing a petition under 37 C.F.R. § 1.47 in accordance with 37 C.F.R. § 1.17(h); and

van Hook *et al.*
Appl. No. 09/662,832

6. One (1) return postcard, date-stamped by the USPTO to indicate receipt of the Response, Petition for Signature, Statement of Facts, Declaration and Power of Attorney and Check No. 1427 on July 20, 1998.

It is hereby respectfully requested that the Office consider the above-listed documents and accord the present continuation application status under 37 C.F.R. § 1.47(a) in accordance with MPEP § 602.05(a). If any representative of the Office of Petitions believes, for any reason, that personal communication will expedite processing of this Request, he or she is invited to telephone the undersigned representative at the number provided below.

In accordance with 37 C.F.R. § 1.17(h), payment of the fee for filing a petition under 37 C.F.R. § 1.47 is provided in the accompanying Credit Card Payment Form (PTO-2038) for \$130.00. However, the U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

It is believed that no extensions of time are necessary. However, if extensions of time under 37 C.F.R. § 1.136 are required to prevent abandonment of the above-captioned application, then such extensions of time are hereby petitioned.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Donald J. Featherstone
Attorney for Applicants
Registration No. 33,876

Date: 4/22/04

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600

250199_1.DOC



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Of Counsel
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*Admitted only in Maryland
 *Admitted only in Virginia
 •Practice Limited to Federal Agencies

April 22, 2004

WRITER'S DIRECT NUMBER:
 (202) 772-8629

INTERNET ADDRESS:
 DONF@SKGF.COM

Commissioner for Patents
 PO Box 1450
 Alexandria, VA 22313-1450

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APR 26 2004

Mail Stop Petition

OFFICE OF PETITIONS

Re: Allowed U.S. Utility Patent Application
 Application No. 09/662,832; Filed: September 15, 2000
 For: **Alignment and Ordering of Vector Elements for Single Instruction
 Multiple Data Processing**
 Inventors: van Hook *et al.*
 Our Ref: 1778.0100002

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Fee Transmittal Form (PTO/SB/17);
2. Request for Grant of Status Under 37 C.F.R. § 1.47(a) from Parent Application in accordance with MPEP § 602.05(a);
3. Copy of a Response to Notice to File Missing Parts of Application as submitted in parent application no. 08/947,649 on July 16, 1998;
4. Copy of a Petition Form for Signature by Person with Sufficient Proprietary Interest on Behalf of Omitted Inventor(s) Who Refuse(s) to Sign or Cannot Be Reached (37 C.F.R. § 1.47(b)) as submitted in parent application no. 08/947,649 on July 16, 1998;
5. Copy of a Statement of Facts in Support of Filing on Behalf of Nonsigning Inventor Under 37 C.F.R. § 1.47(b) as submitted in parent application no. 08/947,649 on July 16, 1998;
6. Copy of a Declaration and Power of Attorney for a Patent Application (in five parts) as submitted in parent application no. 08/947,649 on July 16, 1998;

Commissioner for Patents
April 22, 2004
Page 2

7. Copy of Check No. 1427 for \$1770.00 to cover the fee for a four-month extension of time, the surcharge for late submission of the Declaration under 37 C.F.R. § 1.16(e), and the fee for filing a petition under 37 C.F.R. § 1.47 in accordance with 37 C.F.R. § 1.17(h) as submitted in parent application no. 08/947,649 on July 16, 1998;
8. Copy of a return postcard, date-stamped by the USPTO to indicate receipt of the Response, Petition for Signature, Statement of Facts, Declaration and Power of Attorney, and Check No. 1427 on July 20, 1998;
9. Credit Card Payment Form (PTO-2038) for \$130.00; and
10. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

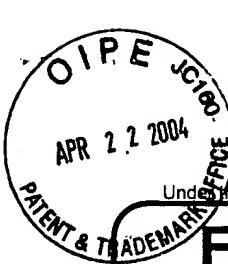


Donald J. Featherstone
Attorney for Applicants
Registration No. 33,876

DJF/LMY:krd
Enclosures

255062_1.DOC

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 130.00)

Complete if Known

RECEIVED

Application Number	09/662,832
Filing Date	September 15, 2000
First Named Inventor	Timothy J. van Hook
Examiner Name	Pan, Daniel H.
Art Unit	2183
Attorney Docket No.	1778.0100002

APR 26 2004

OFFICE OF PETITIONS

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other** None

**Charge any deficiencies or credit any overpayments in Deposit Account: the fees to Deposit Acct. No. 19-0036.

Deposit Account Number **19-0036**
Deposit Account Name **Sterne Kessler, Goldstein & Fox P.L.L.C.**

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(\$ 0.00)	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			- 20 **=	X =	
			- 3 **=	X =	
				=	

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 0.00)

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	130.00
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 130.00)

(Complete if applicable)

Name (Print/Type)	Donald J. Feathersone	Registration No. (Attorney/Agent)	33,876	Telephone	(202) 371-2600
Signature					
Date	4/22/04				

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Docket No.: SGI 15-4-457.00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the Commissioner of Patents and Trademarks, Box AF, Washington, D.C., 20231, on the below date of deposit.

Date of Deposit:	07/16/98	Name of Person Making the Deposit:	KATHERINE RINALDI	Signature of the Person Making the Deposit:	Katherine Rinaldi
------------------	----------	------------------------------------	-------------------	---	-------------------

Inventor(s): Timothy J. Van Hook, Peter Hsu, William Huffman, Henry P. Moreton and Earl A. Killian

Serial No.: 08/947,649 Group Art Unit: 2784

Filed: 10/09/97 Examiner:

Batch No:

Title: ALIGNMENT AND ORDERING OF VECTOR ELEMENTS FOR SINGLE INSTRUCTION MULTIPLE DATA PROCESSING

Assistant Commissioner for Patents
Washington, D.C. 20231

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Sir:

In response to the Notice to File Missing parts of Application (Filing Date Granted) mailed 02/12/98,
please find enclosed:

- [X] a duly executed Declaration and Power of Attorney signed by the inventor(s) and the surcharge of \$130.00 as set fourth in 37 C.F.R. § 1.16(e)
- [X] a Petition Form for Signature by Person with Sufficient Proprietary Interest on Behalf of Omitted Inventor(s) who refuse(s) to sign or cannot be reached, and fee of \$130.00
- [] a Declaration Claiming Small Entity Status, and a Request for Refund
- [X] a Statement of Facts in Support of Filing on Behalf of Nonsigning Inventor under 37 C.F.R. § 1.47 (b)
- [X] a Request for an Extension of Time; and fee of \$1,510.00
- [] a verified English translation of the application, and the \$130.00 fee as set fourth in 37 C.F.R. § 1.17(k);
- [] an Assignment document, Form PTO-1595, and the \$40.00 Assignment Recording Fee;

COPY

- Revocation & New Power of Attorney by Assignee of Entire Interest
- Form PTO-1533 (copy of Notice to be returned with response);
- Basic Filing Fee
- Other: _____

Extension of Term

1. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.
- (a) Applicant petitions for an extension of time under 37 C.F.R. 1.136
(fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

<u>Extension</u>	<u>Fee</u>
[] one month	\$110.00
[] two months	\$400.00
[] three months	\$950.00
[X] four months	\$1,510.00

Fee \$ 1,510.00

PAYMENT OF FEES

2. The full fee due in connection with this communication is provided as follows:
- The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No.: 23-0085. A duplicate copy of this authorization is enclosed.
 - A check in the amount of \$1,770.00
 - Charge any fees required or credit any overpayments associated with this filing to Deposit Account No.: 23-0085.

Please direct all correspondence concerning the above-identified application to the following address:

WAGNER, MURABITO & HAO
Two North Market Street, Third Floor
San Jose, California 95113
(408) 938-9060

Respectfully submitted,

Date: _____ By: _____
James P. Hao
Reg. No.36,398

COPY



PETITION FORM FOR SIGNATURE BY PERSON WITH SUFFICIENT PROPRIETARY
INTEREST ON BEHALF OF OMITTED INVENTOR(S) WHO REFUSE(S) TO
SIGN OR CANNOT BE REACHED
(37 CFR 1.47(b))

I. James P. Hao

(type or print name of person (entity) with sufficient proprietary interest or authorized to act on behalf of such person (entity))

hereby declare that:

I. I am a citizen of United States of America

residing at 1678 Tupolo Drive

San Jose, California 95124

II.

I am a person with sufficient proprietary interest.

I am a registered attorney, authorized by the following person or juristic entity with sufficient proprietary interest,

(complete the following information, if applicable):

Silicon Graphics, Inc.

2011 North Shoreline Boulevard

Mountain View, California 94043-1389

III. By virtue of this proprietary interest, I sign this declaration on behalf of, and as agent for:

Mr. Timothy J. van Hook
omitted inventor who

refuses to sign

cannot be found or reached

COPY

Citizenship: United States of America

224 Oakgrove Avenue

Atherton, California 94027

IV. Upon information and belief, I aver those fact that the inventors is required to state, 37 CFR 1.64(b)

V. Accompanying this declaration is:

A STATEMENT OF FACTS IN SUPPORT OF FILING ON BEHALF OF NONSIGNING INVENTOR,
to establish the proof of pertinent facts, and to show that such action is necessary to preserve the rights of
the parties or to prevent irreparable damage, and

the petition fee of \$130.00 (37 C.F.R. 1.17(l))

Date: _____

James P. Hao

COPY



15-4-457.00

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Van Hook, et al.

Serial No.: 08/947,649

Filed: October 9, 1997

For: ALIGNMENT AND ORDERING OF
VECTOR ELEMENTS FOR SINGLE
INSTRUCTION MULTIPLE DATA
PROCESSING

Art Unit: 2784

COPY

Hon. Commissioner of
Patents and Trademarks
Washington, D.C. 20231

STATEMENT OF FACTS IN SUPPORT OF FILING ON BEHALF OF NONSIGNING
INVENTOR UNDER 37 C.F.R. §1.47(b)

Dear Sir:

I hereby declare:

1. I am making this STATEMENT OF FACTS IN SUPPORT OF FILING ON BEHALF OF
NONSIGNING INVENTOR UNDER 37 C.F.R. §1.47(b) in connection with U.S. Patent
Application Serial No. 08/947,649, filed October 9, 1997 (hereinafter referred to as "the
present patent application").

2. I currently reside at 1678 Tupolo Drive, San Jose, CA 95124.

3. I am a registered patent attorney of record in the present patent application and am a partner at the law firm of Wagner, Murabito & Hao L.L.P. (hereinafter "the firm").

4. I am authorized by Silicon Graphics Incorporated (hereinafter "SGI"), a juristic entity with sufficient proprietary interest in the present patent application, to sign on behalf of the non-signing inventor, Timothy J. van Hook, who had agreed to assign his inventive rights to SGI as part of his employment agreement.

5. The last known residence of Mr. van Hook is: 224 Oak Grove Avenue, Atherton, CA 94027.

6. A draft of the present patent application along with Declaration and Assignment forms were sent to Mr. van Hook at his residence on October 1, 1997, for his signature. The firm did not receive any letters or communications from Mr. van Hook.

7. A duplicate copy of the present patent application along with Declaration and Assignment forms were sent to Mr. van Hook at his residence on October 7, 1997 via overnight delivery with a self-addressed return overnight delivery envelope. The firm did not receive any letters or communications from Mr. van Hook pertaining to this second request.

8. On October 9, 1997, the present patent application was filed with the U.S. Patent Office with an unsigned Declaration.

9. A Notice To File Missing Parts Of Application was received by the firm on February 17, 1998.

COPY

10. Declaration and Assignment forms were subsequently mailed via overnight delivery to Mr. van Hook to his residence on March 3, 1998 for his signature with a self-addressed stamped return envelope. The firm has yet to receive the executed documents.

11. Another set of Declaration and Assignment forms were sent via certified mail to Mr. van Hook on March 31, 1998. The package was returned back to the firm undelivered.

12. This petition is necessary to prevent the present patent application from becoming abandoned, which would cause irreparable damage to SGI.

13. Enclosed is a check for the petition fee of \$130.00.

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted,
WAGNER, MURABITO & HAO L.L.P.

Date: _____, 1998

James P. Hao
Reg. No. 36,398

COPY



Attorn. Docket No.:SGI 15-4-457.00

Declaration and Power of Attorney for a Patent Application

Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ALIGNMENT AND ORDERING OF VECTOR ELEMENTS FOR SINGLE INSTRUCTION MULTIPLE DATA PROCESSING

the specification of which:

..... is attached hereto, or
 was filed on 10/9/97 as application serial no. 08/947,649 : and
..... was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
.....	yes no
.....	yes no

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented/pending/abandoned)
.....
.....

COPY

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 36,398
Anthony C. Murabito	Registration No.: 35,295
John P. Wagner	Registration No.: 35,398
Glenn D. Barnes	Registration No.: P-42,293
Wilfred H. Lam	Registration No.: P-41,923
Steve Weiner	Registration No.: 38,330
Chris Byrne	Registration No.: 32,204
Irene Fernandez	Registration No.: 34,625
John Brigden	Registration No.: 40,530

Send Correspondence to:

WAGNER, MURABITO & HAO
 Two North Market Street, Third Floor
 San Jose, California 95113
 (408) 938-9060

COPY

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: Timothy J. van Hook

Inventor's Signature  Date 7/16/98
 James P. Hao signing for Timothy J. van Hook under 37 C.F.R. § 1.47 (b)
 Residence Atherton, California Citizenship USA
 (City State)
 P.O. Address 224 Oakgrove Avenue, Atherton, California 94027

Full Name of Second/Joint Inventor: Peter Hsu

Inventor's Signature Date
 Residence Fremont, California Citizenship
 (City State)
 P.O. Address 2853 Welk Common, Fremont, California 94555

Full Name of Third/Joint Inventor: William A. Huffman

Inventor's Signature Date
 Residence Los Gatos, California Citizenship USA
 (City State)
 P.O. Address 16205 Roseleaf Lane, Los Gatos, California 95032

Full Name of Fourth/Joint Inventor: Henry P. Moreton

Inventor's Signature Date
Residence Woodside, California Citizenship USA
(City State)
P.O. Address 140 Phillip Road, Woodside, California 94062-2625

Full Name of Fifth/Joint Inventor: Earl A. Killian

Inventor's Signature Date
Residence Los Altos Hills, California Citizenship USA
(City State)
P.O. Address 27961 Central Drive, Los Altos Hills, California 94022

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Attorney Docket No.:SGI 15-4-457.00

Declaration and Power of Attorney for a Patent Application

Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ALIGNMENT AND ORDERING OF VECTOR ELEMENTS FOR SINGLE INSTRUCTION MULTIPLE DATA PROCESSING

the specification of which:

..... is attached hereto, or
 was filed on 10/9/97 as application serial no. 08/947,649 : and
..... was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

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Serial Number	Filing Date	Status (patented/pending/abandoned)
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Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 36,398
Anthony C. Murabito	Registration No.: 35,295
John P. Wagner	Registration No.: 35,398
Glenn D. Barnes	Registration No.: P-42,293
Wilfred H. Lam	Registration No.: P-41,923
Steve Weiner	Registration No.: 38,330
Chris Byrne	Registration No.: 32,204
Irene Fernandez	Registration No.: 34,625
John Brigden	Registration No.: 40,530

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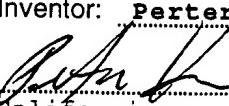
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 San Jose, California 95113
 (408) 938-9060

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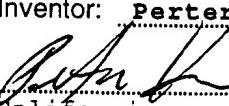
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: Timothy J. van Hook

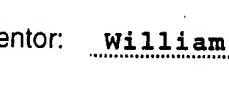
Inventor's Signature  Date
 Residence Atherton, California Citizenship USA
 (City) (State)

P.O. Address 224 Oakgrove Avenue, Atherton, California 94027

Full Name of Second/Joint Inventor: Porter Hsu

Inventor's Signature  Date 3/4/98
 Residence Fremont, California Citizenship
 (City) (State)
 P.O. Address 2853 Welk Common, Fremont, California 94555

Full Name of Third/Joint Inventor: William A. Huffman

Inventor's Signature  Date
 Residence Los Gatos, California Citizenship USA
 (City) (State)
 P.O. Address 16205 Roseleaf Lane, Los Gatos, California 95032

Full Name of Fourth/Joint Inventor: Henry P. Moreton

Inventor's Signature _____ Date _____

Residence Woodside, California Citizenship USA
(City State)

P.O. Address 140 Phillip Road, Woodside, California 94062-2625

Full Name of Fifth/Joint Inventor: Earl A. Killian

Inventor's Signature _____ Date _____

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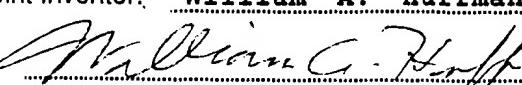
Full Name of Sole/First Inventor: Timothy J. van Hook

Inventor's Signature	Date
Residence Atherton, California	Citizenship USA
(City State)
P.O. Address 224 Oakgrove Avenue, Atherton, California 94027

Full Name of Second/Joint Inventor: Perter Hsu

Inventor's Signature	Date
Residence Fremont, California	Citizenship
(City State)
P.O. Address 2853 Welk Common, Fremont, California 94555

Full Name of Third/Joint Inventor: William A. Huffman

Inventor's Signature 	Date <u>May 5, 1998</u>
Residence Los Gatos, California	Citizenship USA
(City State)
P.O. Address 16205 Roseleaf Lane, Los Gatos, California 95032

Full Name of Fourth/Joint Inventor: Henry P. Moreton

Inventor's Signature Date
Residence Woodside, California Citizenship USA
(City State)
P.O. Address 140 Phillip Road, Woodside, California 94062-2625

Full Name of Fifth/Joint Inventor: Earl A. Killian

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Inventor's Signature H.P.M. Date 3/6/98

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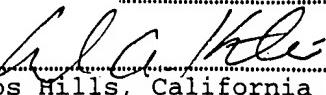
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Full Name of Fifth/Joint Inventor: Earl A. Killian

Inventor's Signature  Date 13 Jul, 1998
Residence Los Altos Hills, California Citizenship USA
(City State)
P.O. Address 27961 Central Drive, Los Altos Hills, California 94022

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SAN JOSE, CA 95113

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SAN JOSE, CA 95124
90-7118 / 3211-108

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One Thousand Seven Hundred Seventy and No/100 Dollars

DATE

AMOUNT

7/16/98

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TO THE
ORDER
OF:

ASSISTANT COMMISSIONER FOR PATENTS

WAGNER, MURABITO & HAO

Memo: SGI-15-4-457 4 MOS EXT OF TIME;MISSING PARTS AND
PETITION FEE

AUTHORIZED SIGNATURE

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Response to Missing Parts

Applicant: van Hook et al. Filing Date: 10/09/97
Docket No.: SGI 15-4-457.00 Serial No.: 08/947,649
Title: ALIGNMENT AND ORDERING OF VECTOR ELEMENTS FOR
SINGLE INSTRUCTION MULTIPLE DATA PROCESSING

Sir:

Please acknowledge receipt of the following:

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| <input checked="" type="checkbox"/> PTO Form 1533 | <input checked="" type="checkbox"/> Response to Missing Parts |
| <input checked="" type="checkbox"/> Declaration / Oath | <input checked="" type="checkbox"/> Extension of Time (listed on Transmittal) |
| <input checked="" type="checkbox"/> Check No. 1427 in the amount of \$ 1,770.00 | |
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7/16/98 855

DOCKETED

Date: 7/27/98
Initials: GML